

# Safety Beam Installation Compliance





## Australian & NZ Standard Changes 1/12/2020

AS-NZS 60335.2.95-2012 Amendment 2-2018.

- The amendment addresses the **unattended operation** of an automatic opener over a smartphone or network devices.

Previously the standard only covered the requirement to use PE beams for

- Enabling an Auto-close function
- If the door closing force exceeded 400N.





## Australian & NZ Standard Changes 1/12/2020

AS-NZS 60335.2.95-2012 Amendment 2-2018.

### What is this amendment for the B&D Group ?

The new standard change addresses the hazard of **unattended operation** of an opener operable with a Smart Phone.

The change requires all new installations of smart openers and smart phone control kits to have a safety beam installed from the 1st December 2020.

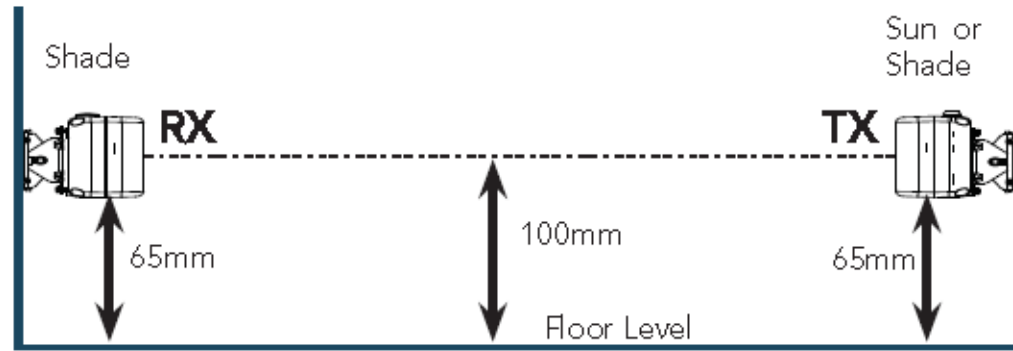




# Safety Beam Mounting Compliance

## Safety Beam Installations

AS/NZS 60335.2.95:2012

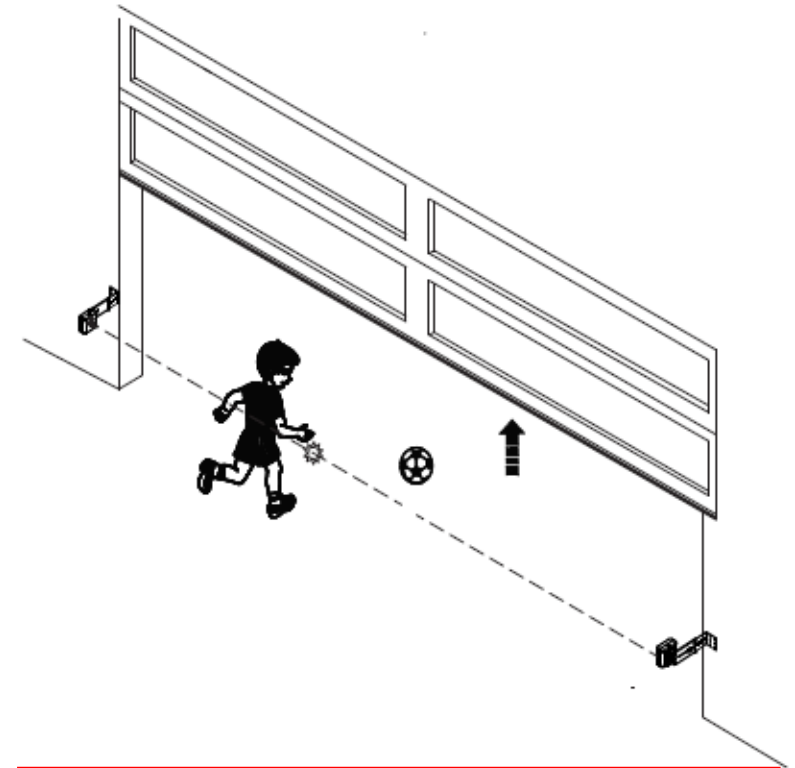


The Safety Beam Kit provides additional safety by preventing the door closing when the beam is blocked by a car, child etc.

ATA recommends the transmitter and receiver are placed in line of sight, with the beam 100mm above the ground level (as per AS60335). This can be achieved by ensuring the bottom of the receiver and transmitter are 65mm above ground level. They should also be placed as close as possible to the door opening.



**WARNING!** When using Safety Beams, the doorway must be clear of all obstructions and persons at all times. The location of the beams and manner in which it is installed might not give safety protection at all times. Check to make sure that the height of the beam and type used give maximum protection possible.



**WARNING!** PE beams must be installed if the closing force at the bottom edge of the door exceeds 400N (40kg force)

# NZ Products Impacted

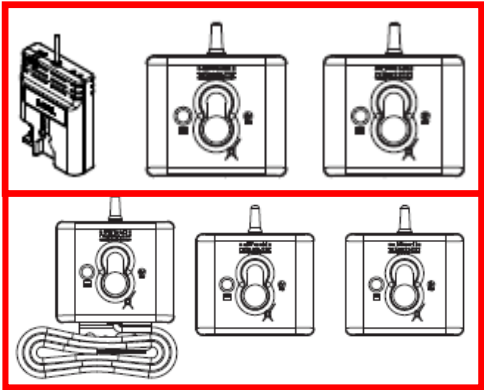
Current Dominator brand Products	Previous Gen Dominator Products
DSO-3 Dominator <b>Smart</b> Garage Door Opener	Smart Phone Control Kits installed after 1/12/2020 on
Smart Phone Control Kits installed after 1/12/2020 on	<ul style="list-style-type: none"> <li>• SDO-2v2 Dominator <b>Advance</b></li> <li>• SDO-4v1 Dominator <b>PanelPro</b></li> </ul>
<ul style="list-style-type: none"> <li>• DSO-2 Dominator <b>Secure</b></li> <li>• DSO-1 Dominator <b>Select</b></li> <li>• RDO-1V4 Dominator <b>Excel</b></li> <li>• GDO-12 <b>HiRo</b> (In residential applications)</li> </ul>	
Current Garador brand Products	Previous Gen Garador brand Products
GTS-3 Garador <b>Genius</b> Garage Door Opener	Smart Phone Control Kits installed after 1/12/2020 on
Smart Phone Control Kits installed after 1/12/2020 on	<ul style="list-style-type: none"> <li>• SDO-2v2 Garador <b>Precision</b></li> <li>• SDO-4v1 Garador <b>Focus</b></li> </ul>
<ul style="list-style-type: none"> <li>• GTS-2 Garador <b>Precision</b></li> <li>• GTS-1 Garador <b>Focus</b></li> <li>• RDO-1V4 Garador <b>Reflex</b></li> <li>• GDO-12 <b>HiRo</b> (In residential application)</li> </ul>	

# Australian Products Impacted

Current B&D brand Products	Previous Gen B&D Products
SDO-7 B&D CAD Smart Garage Door Opener	Smart Phone Control Kits installed after 1/12/2020 on
Smart Phone Control Kits installed after 1/12/2020 on	• B&D <b>Prodigy</b>
• SDO-6 B&D CAD <b>Secure</b>	• B&D CAD <b>Advance</b>
• SDO-8 B&D <b>Panel Max</b>	• B&D CAD <b>S</b>
• RDO-1V4 B&D CADPD <b>Power Drive</b>	• B&D <b>Panel Pro</b>
Current ATA brand Products	Previous Gen ATA brand Products
ATS-3 Syncro Garage Door Opener	Smart Phone Control Kits installed after 1/12/2020 on
Smart Phone Control Kits installed after 1/12/2020 on	• GDO-9V3 ATA <b>Dynamo</b>
• GDO-11 ATA <b>Ero</b>	• GDO-9V2 ATA <b>Enduro</b>
• GDO-6V4 ATA <b>Easy Roller</b>	
• GDO-12 ATA HiRo (In residential application)	

# B&D Group PE (Safety Beam) Options

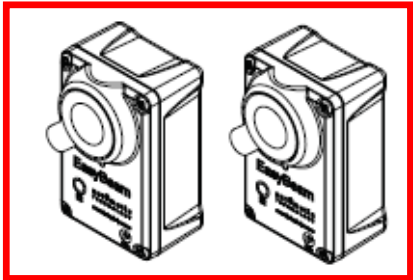
B&D Group WPE  
B&D Brand &  
ATA Brand options  
**Wireless** Beams



Connection	Estimated Installation time
Wire Free installation	Wireless PE beam = 20-30min



Note  
B&D Group are the only company presenting a total wireless PE options  
The use of wireless will be a substantial benefit in cutting installation times.

B&D Group Easy Beam  
2 Wire Bus **Wired** Beam



Connection	Estimated Installation time
Wired installation	Wire PE beam without conduit = 40-60min Wire PE beam with conduit = 80-90min

# Sales Bundle Information

<p><b>Note:</b> These are Sales Bundles only Safety Beams are not kitted in the unit carton but supplied separately with unit.</p>									
		Next Generation		Previous Generation & Rolling Door operators		Next Generation		Previous Generation & Rolling Door operators	
		87030 GTS-3 Genius	87360 Smart Phone Control KIT Next Gen	14884 Smart Phone Control KIT	14887 Smart Phone Control Hub Only	87029 DSO-3 Smart	87350 Smart Phone Control KIT Next Gen	14883 Smart Phone Control KIT	14886 Smart Phone Control Hub Only
Next Generation	86920 Wireless Safety Beam	87030WL	87360WL	-	-	87029WL	87350WL	-	-
	86925 2-Wire Safety Beam	87030W2	87360W2	-	-	87029W2	87350W2	-	-
Previous Generation & Rolling Door Operators	86018 Wireless Safety Beam	-	-	14884WL	-	-	-	14883WL	-
	62626 2-Wire Safety Beam	-	-	14884W2	-	-	-	14883W2	-
GDO-12 Hiro	86802 Wireless Safety Beam	-	-	-	14887WL	-	-	-	14886WL
	62626 2-Wire Safety Beam	-	-	-	14887W2	-	-	-	14886W2



# The Communication Begins.

## 1. B&D Group NZ Dealers 17/9/2020



### Safety Beams Compulsory When Paired with Smartphone-Controlled Openers from Dec 1, 2020

#### It's crucial you are aware of this important new legislation.

Important legislation changes are coming into place from the 1<sup>st</sup> December making Safety Beams (PE Beams) compulsory when any new garage door smartphone-controlled opening device is installed.

With safety at the core of everything we do here at B&D Group, we're committed to helping you get across all the implications of this change.

This change is good news for the industry as it will eliminate a potential industry hazard, making our smartphone-controlled garage doors even safer for our customers.

This is also good news for B&D as our Safety Beams are top of the range, easy to install and familiar to all our Dealerships across New Zealand.

#### Fast Facts:

##### Why the change?

The new Standards change addresses the hazard of unattended operation of an opener operable with a Smartphone. This change requires that all new installations of smartphone-controlled openers have a safety beam installed from the 1<sup>st</sup> Dec 2020.

##### What Standard does this change refer to?

The change in AS/NZS 60335.2.92:2012 Amendment 2:2018 addresses the hazard of unattended closing of a garage door when using your smartphone away from home.

##### Does the change affect smart openers installed before 1<sup>st</sup> December 2020?

Safety beams are not required for smartphone-controlled openers installed prior to 1<sup>st</sup> December 2020. However, it is recommended to have a safety beam installed for additional safety.

##### How can I find out more?

There two live training sessions being held by Andrew Jamieson on the 30<sup>th</sup> Sep and 1<sup>st</sup> Oct. Further resources will be distributed after the training sessions.

For further session information, email the [trainingacademy@bnd.com.au](mailto:trainingacademy@bnd.com.au)

##### Don't miss out - Register now!

Join one of the live training sessions held by Andrew Jamieson to find out everything you need to know.

##### Session times are below:

- [Wednesday 30<sup>th</sup> September at 9am](#)

- [Thursday 1<sup>st</sup> October at 5pm](#)

*(Click on session time to register.)*

# FAQ'S

<i>Category</i>	<i>FAQ</i>	<i>Answers</i>
<i>Info</i>	Does the change affect me if I have a smart opener already installed before 1st December 2020, do I need to install Safety Beam?	Safety beams are not required for smart openers installed prior to 1st December 2020. However, it is recommended to have a safety beam installed for additional safety.
<i>Installation</i>	What are the time savings when installing a wired vs wireless Safety Beam?	Installation time: Wireless safety beam = 20-30min Wired safety beam without conduit = 40-60min Wired safety beam with conduit = 80-90min **Installing an opener = 20-30min (reference)
<i>Installation</i>	Do I need to install a safety beam if I am replacing an old opener with a smart opener after 1st December 2020?	Yes
<i>Installation</i>	Do I need to install a safety beam if I purchased the opener before 1st December 2020 but installed it afterwards?	Yes. AS/NZS 60335.2.95:2012 Amendment 2:2018 addresses the installation date, not purchasing date.
<i>Installation</i>	If I am installing a wired safety beam, do I need to install conduit as well?	B&D Group recommends using conduit for added protection of the wires.

# Next Steps in Australia & New Zealand

## All

- Be aware of changes and seek clarification from your local B&D Group representative if required.

## Sales (Customer Facing)

- Understand the impact to your customer and commence discussions for early notice of change.
- Commence stock management plan with your B&D Group representative with stock holdings.
- Consider as below need for installation training. These will commence closer to change date of 1/12/2020.

## Installers

Advanced technical sessions created for our own installers /Technical & Service Teams.

- Correct installation
- Use of conduiting
- Labour adjustments
- Fault finding



# Questions ?

